

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Walke *et al.*

Prior Group Art Unit: 1652

Application No.: To be assigned

Prior Application Examiner:

Parent Application Serial Number 09/734,492

S. Swope

Filed: Concurrently Herewith

Attorney Docket No.: LEX-0467-USA

Title: Novel Human Transferase Proteins and
Polynucleotides Encoding the Same

REQUEST TO MAKE PRIOR ART FROM PREVIOUS APPLICATION OF RECORD

Commissioner for Patents
Alexandria, VA 22313

Sir:

The present paper constitutes Applicants' compliance with their duty of disclosure under 37 C.F.R. § 1.56. Please make all prior art of record in parent application Serial No. 09/734,492, filed December 11, 2000, of record in the present case, including that cited by the Office and Applicants. As a courtesy, copies of the Form PTO-1449s from the prior application are included herewith as **Exhibit A**.

Respectfully submitted,

December 9, 2003

Date

Lance K. Ishimoto *Peter S. Swope*
Lance K. Ishimoto Reg. No. 41,866
Attorney for Applicants

LEXICON GENETICS INCORPORATED
(281) 863-3333

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EXHIBIT "A"

PTO/SB/08A (10-96)

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Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	09/734,492
(use as many sheets as necessary)				Filing Date	December 11, 2000
Sheet	1	of	3	First Named Inventor	Walke
				Group Art Unit	1646
				Examiner Name	To Be Assigned
				Attorney Docket Number	LEX-0107-USA

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
AA	4,215,051			Schroeder et al	07/29/80	
AB	4,376,110			David et al	03/08/83	
AC	4,594,595			Struckman et al	06/10/86	
AD	4,631,211			Houghten	12/23/86	
AE	4,689,405			Frank et al	08/25/87	
AF	4,713,326			Dattagupta et al	12/15/87	
AG	4,946,778			Ladner et al	08/07/90	
AH	5,252,743			Barrett et al	10/12/93	
AI	5,424,186			Fodor et al	06/13/95	
AJ	5,445,934			Fodor et al	08/29/95	
AK	5,459,127			Felgner et al	10/17/95	
AL	5,556,752			Lockhart et al	09/17/96	
AM	5,691,180			Lowe et al	11/25/97	
AN	5,700,637			Souther	12/23/97	
AO	5,744,305			Fodor et al	04/28/98	
AP	5,837,458			Minshull et al	11/17/98	
AQ	5,869,336			Meyer et al	02/09/99	
AR	5,877,397			Lonberg et al	03/02/99	
AS	5,948,767			Scheule et al	09/07/99	
AT	6,075,181			Kuucherlapati et al	06/13/00	
AU	6,110,490			Thierry	08/29/00	

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	
Sheet	2	of	3	Filing Date	
				First Named Inventor	
				Group Art Unit	
				Examiner Name	
				Attorney Docket Number	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
AV	Bird et al, 1988, "Single-Chain Antigen-Binding Proteins", <i>Science</i> 242:423-426.				T ²
AW	Bitter et al, 1987, "Expression and Secretion Vectors for Yeast", <i>Methods in Enzymology</i> 153:516-544.				
AX	Colbere-Garapin et al, 1981, "A New Dominant Hybrid Selective Marker for Higher Eukaryotic Cells", <i>J. Mol. Biol.</i> 150:1-14.				
	Cote et al, 1983, "Generation of human monoclonal antibodies reactive with cellular antigens", <i>Proc. Natl. Acad. Sci. USA</i> 80:2026-2030.				
AY	Dohi T. et al. 1996. "Detection of N-acetylglucosaminyltransferase mRNA which determines Sda blood carbohydrate structure in human gastrointestinal", <i>INT. J. CANCER</i> 67(5):623-631.				
AZ	Gautier et al. 1987. "α-DNA IV:α-anomeric and β-anomeric tetrathymidylates covalently linked to intercalating oxazoloquinoxalocarbazole. Synthesis, physicochemical properties and poly (rA) binding", <i>Nucleic Acids Research</i> 15(16):6625-6641.				
BA	Greenspan et al, 1993, "Idiotypes: structure and immunogenicity", <i>FASEB Journal</i> 7:437-444.				
BB	Huse et al. 1989. "Generation of a Large Combinatorial Library of the Immunoglobulin Repertoire in Phage Lambda", <i>Science</i> 246:1275-1281.				
BC	Huston et al. 1988. "Protein engineering of antibody binding sites: Recovery of specific activity in an anti-digoxin single-chain Fv analogue produced in <i>Escherichia coli</i> ", <i>Proc. Natl. Acad. Sci. USA</i> 85:5879-5883.				
BD	Inoue et al. 1987. "Sequence-dependent hydrolysis of RNA using modified oligonucleotide splints and RNase H", <i>FEBS Letters</i> 215(2):327-330.				
BE	Inoue et al. 1987. "Synthesis and hybridization studies on two complementary nona(2'-O-methyl)ribonucleotides", <i>Nucleic Acids Research</i> 15(15):6131-6149.				
BF	Inouye & Inouye, 1985, "Up-promoter mutations in the <i>lpp</i> gene of <i>Escherichia coli</i> ", <i>Nucleic Acids Research</i> 13(9):3101-3110.				
BG	Janknecht et al. 1991. "Rapid and efficient purification of native histidine-tagged protein expressed by recombinant vaccinia virus", <i>Proc. Natl. Acad. Sci. USA</i> 88:8972-8976.				
BH	Kohler & Milstein, 1975, "Continuous cultures of fused cells secreting antibody of predefined specificity", <i>Nature</i> 256:495-497.				
BI	Logan et al. 1984. "Adenovirus tripartite leader sequence enhances translation of mRNAs late after infection", <i>Proc. Natl. Acad. Sci. USA</i> 81:3655-3659.				
BJ	Lowy et al. 1980, "Isolation of Transforming DNA: Cloning the Hamster <i>aprt</i> Gene", <i>Cell</i> 22:817-823.				
BK	Morrison et al. 1984. "Chimeric human antibody molecules: Mouse antigen-binding domains with human constant region domains", <i>Proc. Natl. Acad. Sci. USA</i> 81:6851-6855.				
BL	Mulligan & Berg. 1981. "Selection for animal cells that express the <i>Escherichia coli</i> gene coding for xanthine-guanine phosphoribosyltransferase", <i>Proc. Natl. Acad. Sci. USA</i> 78(4):2072-2076.				
BM	Neuberger et al, 1984, "Recombinant antibodies possessing novel effector functions", <i>Nature</i> 312:604-608.				
BN	Nisonoff, 1991, "Idiotypes: Concepts and Applications", <i>J. of Immunology</i> 147:2429-2438.				
BO	O'Hare et al. 1981. "Transformation of mouse fibroblasts to methotrexate resistance by a recombinant plasmid expressing a prokaryotic dihydrofolate reductase", <i>Proc. Natl. Acad. Sci. USA</i> 78(3):1527-1531.				
BP	Ruther et al, 1983, "Easy identification of cDNA clones", <i>EMBO Journal</i> 2(10):1791-1794.				
BQ	Santerre et al. 1984. "Expression of prokaryotic genes for hygromycin B and G418 resistance as dominant-selection markers in mouse L cells", <i>Gene</i> 30:147-156.				
BR	Sarin et al. 1988. "Inhibition of acquired immunodeficiency syndrome virus by oligodeoxynucleoside methylphosphonates", <i>Proc. Natl. Acad. Sci. USA</i> 85:7448-7451.				
BS	Smith et al. 1983. "Molecular Engineering of the <i>Autographa californica</i> Nuclear Polyhedrosis Virus Genome: Deletion Mutations within the Polyhedrin Gene", <i>J. Virol.</i> 46(2):584-593.				

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				First Named Inventor	
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Sheet	3	of	3	Attorney Docket Number	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
BT	Smith and Lowe 1994, "Molecular cloning of a murine N-acetylgalactosamine transferase cDNA that determines expression of the T lymphocyte-specific CT oligosaccharide differentiation antigen", J. Biol. Chem 26-(21)15162-15171.				T ²
BU	Stein et al. 1988. "Physiochemical properties of phosphorothioate oligodeoxynucleotides", Nucleic Acids Research 16(8):3209-3221.				
BV	Szvbalska & Szvbalski. 1962. "Genetics of Human Cell Lines. IV. DNA-Mediated Heritable Transformation of a Biochemical Trait", Proc. Natl. Acad. Sci. USA 48:2026-2034.				
BW	Takeda et al. 1985. "Construction of chimaeric processed immunoglobulin genes containing mouse variable and human constant region sequences", Nature 314:452-454.				
BX	Van Heeke et al. 1989, "Expression of Human Asparagine Synthetase in Escherichia coli", J. Biol. Chemistry 264(10):5503-5509.				
BY	Ward et al. 1989. "Binding activities of a repertoire of single immunoglobulin variable domains secreted from Escherichia coli", Nature 341:544-546.				
BZ	Wigler et al. 1980. "Transformation of mammalian cells with an amplifiable dominant-acting gene", Proc. Natl. Acad. Sci. USA 77(6):3567-3570.				
CA	Wigler et al, 1977, "Transfer of Purified Herpes Virus Thymidine Kinase Gene to Cultured Mouse Cells", Cell 11:223-232.				
CB	DATABASE ENTRY AQ183263 'Online! EMBL; Accession No AQ183263, September 21, 1998, Mahairas G.G. et al: "HS_3140_B2_H03_MR CIT Approved Human genomic sperm library D homo sapiens genomic clone Plate=3140 Col=6 Row=P, genomic survey.", XP002164195				

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